

VIRTUES

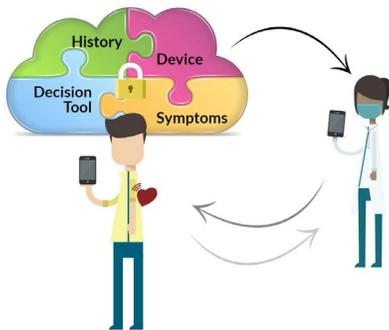
Virtual Integrated Reliable Transformative
User-Driven E-Health System



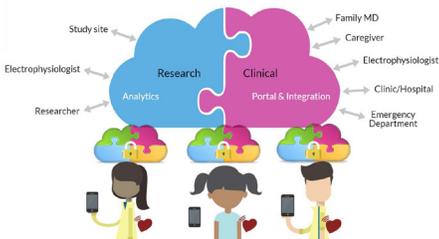
DELIVERING THE BEST PATIENT CARE

A transformational Canadian arrhythmia care platform that delivers personalized, patient-driven, integrated care resulting in improved access, quality, effectiveness and efficiency of care.

PATIENT-CENTRED COMMUNICATION



RESEARCH AND CLINICAL APPLICATIONS



VIRTUES is a *virtual integrated reliable transformative user-driven e-health system* co-designed and co-developed by the Cardiac Arrhythmia Network of Canada (CANet) network investigators, clinicians, patients and external partners.

By delivering the best care to the patient at the right time and in the right environment, the VIRTUES platform will enable the most efficient and effective care for each arrhythmia patient's specific needs.

Combining wearable biosensor technology (providing personalized physiological data), digital multi-media interfaces (providing personalized demographic structured and unstructured data) and validated analytics, VIRTUES will immediately integrate symptom-driven validated physiological data (rhythm, BP, others) into a patient specific, personalized context and trigger an appropriate care plan from a set of plans previously co-developed with the patient.

VIRTUES interactive platform will:

- help develop personalized education material for each specific patient's medical condition that is adapted to the patient's requirements and educational profile, as well as, other specific requirements such as language preference and family caregiver's accessibility.
- help develop and test improved care planning tools and care pathways for the management of arrhythmias.
- include data from several thousand patients and serve both as a research and knowledge translation strategy enabling further technology development.

Access to VIRTUES robust data will strategically enrich high-quality research directed at further improving outcomes of arrhythmia care.

To learn more about this transformational arrhythmia care system visit:

<http://canet-nce.ca/VIRTUES>

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CANet

CARDIAC ARRHYTHMIA NETWORK OF CANADA
RESEAU CANADIEN SUR L'ARYTHMIE CARDIAQUE

The Cardiac Arrhythmia Network of Canada (CANet) is a not-for-profit organization dedicated to transforming Canada's arrhythmia health care system through integrated trans-disciplinary research and development. The network's strategy is to invent, prove, and implement innovative solutions to enable patients to take ownership and co-manage their arrhythmia health.



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